

PS-3/RV-3

Digital Pitch Shifter/Delay Digital Reverb/Delay



 **BOSS®**

BOSS has two new dual-function compact effect pedals — the RV-3 and the PS-3. With the help of our latest DSP chips, BOSS has dramatically improved yielding the highest quality sounds and numerous effect variations. The PS-3 and RV-3 are designed for performance ease and intuitive control over feature reduced power consumption for improved battery life. The exceptional sound quality and wide range of effects make the PS-3 and RV-3 effect pedals excellent for use with both

PS-3

Digital Pitch Shifter/Delay

The new BOSS PS-3 Digital Pitch Shifter/Delay is the first effects unit to combine a dual voice pitch shifter and 2 second digital delay into one compact floor pedal. The PS-3 can produce pitch shifts of up to four octaves, dual pitch shift, inverted pitch shift, detune and dual detune effects. The PS-3 can even produce a "Whammy Bar" effect, with the addition of an optional expression pedal.

Delay

There are three modes for different delay times. The feedback amount and delay time can be adjusted from a minimum 32 msec. to a full 2 seconds for customizing your effects.

Pitch Shift

The PS-3 features eight different pitch shift modes, including single-pitch shifting, dual-pitch shifting, and expression that gives an effect similar to using a whammy bar. The amount of pitch shift can be selected from 26 steps — 24 chromatic steps over a ± 1 octave range, plus 2 octaves up/down.

• Single Pitch Shift

Detune: Direct sound is overlapped with detuned sound for a thick chorus sound.

Fast: A fast response for fast-picking passages.

Slow: Premium sound quality ideal for ballads.

Inverse: An unusual effect, similar to reverse playback.

The feedback amount and pitch shift increments can be set for each mode.

• Dual Pitch Shift

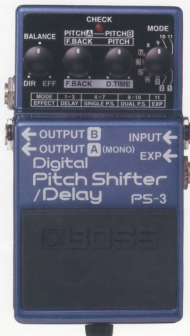
This is the first compact effect to have 2-voice pitch shifting, with three modes available for different combinations; Detune & Detune, Detune & ± 2 Octave, and ± 2 Octave & ± 2 Octave. Pitch shift increments of each voice can be fully adjusted.

Expression

The pitch shift amount can be continuously controlled in real-time by connecting an optional expression pedal (such as a Roland EV-5 or BOSS FV-300L). Use the pedal to add more expressiveness to your guitar sounds. The maximum and minimum levels can be selected from 26 steps between ± 2 octaves.

Tailor it to your musical needs

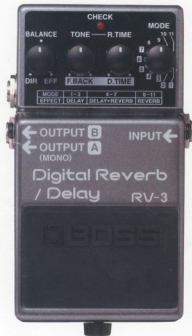
The PS-3 has four knobs to let you shape your sound to your musical style. Mode selects the required mode; Balance controls the balance between the effects and the direct signal; the remaining two knobs are multi-functional, according to the mode you've selected, for tailoring your sounds.



EFFECT MODES

1		32 to 125 msec.
2	Delay	125 to 500 msec.
3		500 to 2000 msec.
4		Detune
5	Single Pitch	± 2 Oct. (Fast)
6	Shift	± 2 Oct. (Slow)
7		± 2 Oct. (Inverse)
8	Dual Pitch	Detune & Detune
9	Shift	Detune & ± 2 Oct.
10		± 2 Oct. & ± 2 Oct.
11	Expression	Pitch A to Pitch B

RV-3 Digital Reverb/Delay and the PS-3 Digital Pitch Shifter/Delay. The processing speed and accuracy over conventional effects, variations, comparable to rackmount effect components. Over your sound. Both include Stereo Outputs for rich, spacious sounds, and improved efficiency when running on batteries. A range of control over the final sound make it ideal for guitars and basses and for virtually any musical style.



RV-3

Digital Reverb/Delay

The RV-3 Digital Reverb/Delay is both a high quality Reverb and Delay unit in one compact pedal. The RV-3 includes many different reverb effects including two rooms, a hall and a plate, and reverb can be combined with up to 1000 msec. of delay. When used alone, delays of up to 2000 msec. can be produced. The RV-3's stereo outputs also make it ideal for use as an effects processor with a mixing console.

Delay

Choose from three modes covering different delay times, with a feedback amount and delay time you can adjust between 32 and 2000 msec.

Delay + Reverb

Reverb and delay can be used simultaneously, with a choice of four types of Reverb (Room 1/2, Hall, Plate) and Delay that can adjust feedback amount and delay time between 32 msec. and 1000 msec.

Reverb

Four outstanding reverbs are available as single effects, and both tone and reverb time can be modified to suit your musical needs.

Defining your personal sounds

Intuitive sound-shaping is at your disposal with the RV-3. There are four control knobs: Mode for mode selection; Balance for controlling the balance of effects and direct signal, and two multi-function controls for specially tailoring your sounds in each mode.

EFFECT MODES

1	Delay	32 to 125 msec.	
2		125 to 500 msec.	
3		500 to 2000 msec.	
4	Delay + Reverb	Delay: 32 to 1000 msec.	ROOM1
5			ROOM2
6			HALL
7			PLATE
8	Reverb		ROOM1
9			ROOM2
10			HALL
11			PLATE

Specifications

●PS-3

Input Impedance	1MΩ
Output Impedance	1kΩ
Recommended Load Impedance	10kΩ or greater
Residual Noise	-95dBm or less (IHF-A) 0dBm = 0.775V
Controls	Pedal Switch, Mode Switch, Pitch A/Pitch/Delay time, Pitch B/Feed Back/Feed Back, Balance
Indicator	Check Indicator (serves also as battery check indicator)
Jacks	Input, Output A(MONO)/B, Expression, AC Adaptor
Power Supply	DC9V: Dry Battery (9V type) AC Adaptor (PSA-Series: option)
Current Draw	70 mA (DC9V)
Dimensions	70(W) x 125(D) x 55(H) mm (2-3/4" x 4-15/16" x 2-3/16")
Weight	420 g (1.0 lb) incl. battery
Options	AC Adaptor (PSA-Series), Roland EV-5 Expression Pedal, FV-300L Foot Volume/Expression, FS-5U Footswitch

●RV-3

Input Impedance	1MΩ
Output Impedance	1kΩ
Recommended Load Impedance	10 kΩ or greater
Residual Noise	-95dBm or less (IHF-A) 0dBm = 0.775V
Controls	Pedal Switch, Mode Switch, Reverb Time/Delay Time, Tone/Feed Back, Balance
Indicator	Check Indicator (serves also as battery check indicator)
Jacks	Input, Output A(MONO)/B, AC Adaptor
Power Supply	DC9V: Dry Battery (9V type) AC Adaptor (PSA-Series: option)
Current Draw	70 mA (DC9V)
Dimensions	70(W) x 125(D) x 55(H) mm (2-3/4" x 4-15/16" x 2-3/16")
Weight	420 g (1.0 lb) incl. battery
Option	AC Adaptor (PSA-Series)

Options

Roland EV-5 Expression Pedal



FV-300L Foot Volume/Expression



FS-5U Footswitch

